## Issues To Be Addressed for LAr TPC

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## **Questions/Issues**

- The following questions should be reviewed/answered at this workshop
  - What is the muon acceptance for neutrino interactions in LAr for different tracker options?
  - Can neutrino-electron elastic scattering be measured?
  - Can the LAr detector handle high rates?
  - What is the optimal height of the active volume based on scientific needs?
  - What size is needed for hadron containment?
  - Feasibility of pixel readout needs to be demonstrated.
  - Is a side muon spectrometer needed?
- Findings of the following issue/questions are less urgent
  - What is the statistics in the fiducial volume?
  - What are muon/electron momentum resolution and scale error
  - Can the LAr detector measure neutrons?
- Need to document the results in DUNE DocDB